TO: Airborne Science Program NASA Headquarters

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## Flight Report

| Aircraft :                       | Global Hawk TN872  |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| Operating Site(s)<br>From / To : | DFRC / DFRC  |  |  |  |  |
| Flight Date :                    | 12-13 September 2010   |  |  |  |  |
| Flight Number :                  | 872-0061   |  |  |  |  |
| Take Off Time :                  | 4:30 am PDT (Sept 12)  |  |  |  |  |
| Landing Time :                   | 4:50 am PDT (Sept 13)  |  |  |  |  |
| Flight Time :                    | 24:20 hours:minutes  |  |  |  |  |
| FIt Request # / PI:              | 10H201 / Marilyn Vasques   |  |  |  |  |
| Purpose of Flight :              | Data [x] Ferry [] Functional Check [] Other []   |  |  |  |  |
| Aircraft Status:                 | Up[x] Down[]   |  |  |  |  |
| Sensor Payload :                 | LIP, HAMSR, HIWRAP, Dropsonde (not operational)  |  |  |  |  |
| Comments :                       | Dee Porter, Vance Greenway, Phil Hall (PIC), Steve Sipprell, Tom Miller, Kent Fuller (Co-Pilot), Robert Rivera, Matt Graham, Chris Naftel (MD) – The purpose of this flight was to engage AL92 and collect data with the three operational instruments. The aircraft was in the vicinity of AL92 for approximately 8 hours and made several coordinated passes with the DC-8. The airplane returned in good condition, except the ATC radio locked onto one frequency at the 8-hour mark into the mission. |  |  |  |  |

el DATE: 9 September 2010 Flight Hours Summary **SUBMITTED BY: Chris Naftel** 

| Flight                     | Date             | Aircraft<br>Flight # | Data<br>Flight# | Duration<br>(hr) | Remaining<br>Hours* |
|----------------------------|------------------|----------------------|-----------------|------------------|---------------------|
| Total Allocated            |                  |                      |                 |                  | 240                 |
| TD Frank                   | 8/28/2010        | 872-0059             | 1               | 15.3             | 224.7               |
| Hurricane Earl             | 9/1-2/2010       | 872-0060             | 2               | 24.2             | 200.5               |
| Hours re-allocated to DC-8 |                  |                      |                 | 40.0             | 160.5               |
| AL92                       | 9/12-<br>13/2010 | 872-0061             | 3               | 24.3             | 136.2               |
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